## ASIS HEX CAR

## HEX LISTING

HEX MNEMONIC	HEX MNEMONIC	HEX MNEMONIC	HEX MNEMONIC	HEX MNEMONIC	HEX MNEMONIC	HEX MNEMONIC
00 NOP	125 DCR H	I 4A MOV C.D	I 6F MOV L.A	194 SUB H	I B9 CMP C	I DE SBI D8
01 LXI B.D16	26 MVI H.D8	4B MOV C.E	70 MOV M.B	95 SUB L	BA CMP D	DF RST 3
02 STAX B	27 DAA	4C MOV C.H	71 MOV M.C	96 SUB M	BB CMP E	EO RPO
03 INX B	28	4D MOV C.L	72 MOV M.D	97 SUB A	BC CMP H	E1 POP H
04 INR B	29 DAD H	4E MOV C.M	73 MOV M,E	98 SBB B	BD CMP L	E2 JPO Adr
05 DCR B	2A LHLD Adr	4F MOV C,A	74 MOV M,H	99 SBB C	BE CMP M	E3 XTHL
06 MVI B,D8	2B DCX H	50 MOV D.B	75 MOV M.L	9A SBB D	BF CMP A	E4 CPO Adr
07 RLC	2C INR L	51 MOV D.C	76 HLT	9B SBB E	CO RNZ	E5 PUSH H
08	2D DCR L	52 MOV D,D	77 MOV M,A	9C SBB H	C1 POP B	E6 ANI D8
09 DAD B	2E MVI L,D8	53 MOV D.E	78 MOV A,B	9D SBB L	C2 JNZ Adr	E7 RST 4
OA LDAX B	2F CMA	54 MOV D,H	79 MOV A,C	9E SBB M	C3 JMP Adr	E8 RPE
OB DCX B	30	55 MOV D,L	7A MOV A,D	9F SBB A	C4 CNZ Adr	E9 PCHL
OC INR C	31 LXI SP,D16	56 MOV D,M	7B MOV A.E	AO ANA B	C5 PUSH B	EA JPE Adr
OD DCR C	32 STA Adr	57 MOV D.A	7C MOV A,H	A1 ANA C	C6 ADI D8	EB XCHG
OE MVI C,D8	33 INX SP	58 MOV E.B	7D MOV A,L	A2 ANA D	C7 RST 0	EC CPE Adr
OF RRC	34 INR M	59 MOV E,C	7E MOV A,M	A3 ANA E	C8 RZ	ED
10	35 DCR M	5A MOV E,D	7F MOV A,A	A4 ANA H	C9 RET Adr	EE XRI D8
11 LXI D,D16	36 MVI M,D8	5B MOV E.E	80 ADD B	A5 ANA L	CA JZ	EF RST 5
12 STAX D	37 STC	5C MOV E,H	81 ADD C	A6 ANA M	CB	FO RP
13 INX D	38	5D MOV E.L	82 ADD D	A7 ANA A	CC CZ Adr	F1 POP PSW
14 INR D	39 DAD SP	5E MOV E,M	83 ADD E	A8 XRA B	CD CALL Adr	F2 JP Adr
15 DCR D	3A LDA Adr	5F MOV E,A	84 ADD H	A9 XRA C	CE ACI D8	F3 DI
16 MVI D,D8	3B DCX SP	60 MOV H,B	85 ADD L	AA XRA D	CF RST 1	F4 CP Adr
17 RAL	3C INR A	61 MOV H,C	86 ADD M	AB XRA E	DO RNC	F5 PUSH PSW
18	3D DCR A	62 MOV H,D	87 ADD A	AC XRA H	D1 POP D	F6 ORI D8
19 DAD D	3E MVI A,D8	63 MOV H,E	88 ADC B	AD XRA L	D2 JNC Adr	F7 RST 6
1A LDAX D	3F CMC	64 MOV H,H	89 ADC C	AE XRA M	D3 OUT D8	F8 RM
1B DCX D	40 MOV B,B	65 MOV H,L	8A ADC D	AF XRA A	D4 CNC Adr	F9 SPHL
1C INR E	41 MOV B,C	66 MOV H,M	8B ADC E	BO ORA B	D5 PUSH D	FA JM Adr
1D DCR E	42 MOV B,D	67 MOV H,A	8C ADC H	B1 ORA C	D6 SUI D8	FB EI
1E MVI E,D8	43 MOV B,E	68 MOV L,B	8D ADC L	B2 ORA D	D7 RST 2	FC CM Adr
1F RAR	44 MOV B,H	69 MOV L,C	8E ADC M	B3 ORA E	D8 RC	FD
20	45 MOV B,L	6A MOV L,D	8F ADC A	B4 ORA H	D9	FE CPI D8
21 LXI H,D16	46 MOV B,M	6B MOV L,E	90 SUB B	B5 ORA L	DA JC Adr	FF RST 7
22 SHLD Adr	47 MOV B,A	6C MOV L,H	91 SUB C	B6 ORA M	DB IN D8	
23 INX H	48 MOV C,B	6D MOV L,L	92 SUB D	B7 ORA A	DC CC Adr	
24 INR H	149 MOV C,C	6E MOV L,M	93 SUB E	B8 CMP B	DD	

8 bit data quantity.

D8 = constant, or logical/arithmetic expression that evaluates to an

D16 = constant, or logical/arithmetic expression that evaluates to a 16 bit data quantity.

